

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (currently amended) An integrated circuit, comprising:

lines, including a first line and a second line, for carrying one of DC voltages and low-frequency voltages; and

a radio-frequency (RF) filter device having first and second capacitors connected to said lines and being completely integrated in the integrated circuit for preventing and restricting a propagation of high-frequency interference signals through said lines, the integrated circuit being a microprocessor or microcontroller.

Claim 2. (currently amended) The integrated circuit according to claim 1, including component parts connected to said lines and to be protected against high-frequency interference signals, said RF filter device being disposed, constructed and dimensioned such that said RF filter device filters out the high-frequency interference signals transmitted through said lines and fed to said component parts.

Claim 3. (previously presented) The integrated circuit according to claim 1, including component parts connected to said lines to generate and output high-frequency interference signals carried by said lines, and said RF filter device is disposed, constructed and dimensioned such that said RF filter device filters out the high-frequency interference signals generated and output by said component parts and carried on said lines.

Claim 4. (previously presented) The integrated circuit according to claim 1, including component parts connected to said lines and to be protected against high-frequency interference signals, said RF filter device is disposed, constructed and dimensioned such that said component parts are protected against the high-frequency interference signals generated within the integrated circuit.

Claim 5. (previously presented) The integrated circuit according to claim 1, including component parts connected to said lines and to be protected against the high-frequency interference signals and/or to generate and output high-frequency interference signals, said RF filter device is disposed in direct proximity and connected to said component parts for suppressing the high-frequency interference signals.

Claim 6. (previously presented) The integrated circuit according to claim 1, including component parts connected to said lines, wherein said lines supply power required for operation of said component parts.

Claim 7. (canceled).

Claim 8. (previously presented) The integrated circuit according to claim 1, wherein said RF filter device has a resistor in said first line for removing the high-frequency interference signals.

Claim 9. (canceled).

Claim 10. (previously presented) The integrated circuit according to claim 8, wherein said resistor and said first capacitor form a low-pass filter at least partially preventing the propagation of said high-frequency interference signals through said lines.

Claim 11. (previously presented) The integrated circuit according to claim 8, said resistor and said second capacitor form a low-pass filter at least partially preventing the

propagation of said high-frequency interference signals through said lines.

Claim 12. (previously presented) The integrated circuit according to claim 6, including component parts connected to said lines, said first capacitor is dimensioned such that the power to be fed through said lines provided with said RF filter device to said component parts can be drawn completely from said first capacitor.

Claim 13. (previously presented) The integrated circuit according to claim 12, wherein said resistor is dimensioned such that a current flowing through said resistor during operation maintains said first capacitor continually charged to such an extent that the power fed through said lines provided with said RF filter device to said component parts can be drawn completely from said first capacitor.

Claim 14. (previously presented) The integrated circuit according to claim 8, wherein said resistor and said first capacitor form a first low-pass filter and said resistor and said second capacitor form a second low-pass filter, and said resistor is dimensioned such that said first and second low-pass filters prevent or significantly reduce a flowing of the high-frequency interference signals.

Claim 15. (previously presented) The integrated circuit according to claim 8, wherein said resistor is dimensioned such that resonances which said first capacitor and said second capacitor form with one another and the component parts of the integrated circuit are reduced to not interfere with an operation of the integrated circuit.

Claim 16. (original) The integrated circuit according to claim 8, wherein said resistor is dimensioned such that said resistor converts the high-frequency interference signals filtered out by said RF filter device at least partially into heat.

Claim 17. (previously presented) The integrated circuit according to claim 1, including a plurality of component parts, and a plurality of said RF filter devices, each one of said RF filter devices connected to different ones of said component parts.